

GREAT BARRIER REEF MARINE PARK AUTHORITY
TECHNICAL MEMORANDUM GBRMPA-TM-19

**ADDITIONS AND REVISIONS TO THE CHECKLIST OF FISHES OF THE
CAPRICORN-BUNKER GROUP GREAT BARRIER REEF AUSTRALIA**

GRAHAM R. LOWE ¹
AND
BARRY C. RUSSELL ²

- 1 Department of Primary Industries, Fisheries Research Laboratory, Burnett Heads, QLD 4670.
- 2 Division of Natural Sciences, Northern Territory Museum, G.P.O. Box 4646 Darwin, NT 5794.

SUMMARY

Additions to the checklist of fishes of the Capricornia Section of the Great Barrier Reef Marine Park, Australia, bring the total number of species recorded from the area to 920. These include 60 species and 11 families not previously reported, and 3 species are new records for Australia. The new records are the result of recently published work, additional field collecting, underwater observation, photographs, and previously unpublished spearfishing records. Four species which were previously reported are removed from the checklist. Most of the additions to the checklist (41 species) are the result of commercial fishing by scallop and deepwater prawn trawlers, or were collected during exploratory bottom fishing on commercial prawn grounds in and adjacent to the Capricornia Section, between Saumarez Reefs (Lat. 22° S) and the southern end of the Bunker Group (Lat. 24° S). Trawl-fishes comprise a small but distinctive component of the fish fauna (8.5% of the total species), the remainder consisting of coral reef (90%) and oceanic-pelagic species (1.5%).

KEYWORDS: Capricornia Section, Great Barrier Reef Marine Park, additions to checklist of fishes

Technical memoranda are of a preliminary nature, and represent the views of the authors, not necessarily those of the Great Barrier Reef Marine Park Authority.

Please address all comments and requests for copies to:

**The Executive Officer
Great Barrier Reef Marine Park Authority
PO Box 1379 TOWNSVILLE Qld 4810 AUSTRALIA**

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**Great Barrier Reef
Marine Park
Authority**

PO Box 1379
Townsville Qld 4810
Telephone (077) 818811